

Converting Colors

Hex(02463A)

Have a look what the booklet for
Hex(02463A) contains.

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Color

Hex(02463A)

Conversions

Conversions Part 1

Format	Color
Hex	02463A
RGB	2, 70, 58
RGB Percent	1%, 27%, 23%
CMY	0.9922, 0.7255, 0.7725
CMYK	0.97, 0.00, 0.17, 0.73
HSL	169°, 94%, 14%
HSV	169°, 97%, 27%
XYZ	2.9789, 4.6987, 4.7529
YIQ	48.3000, -36.6760, -18.1480

Conversions

Conversions Part 2

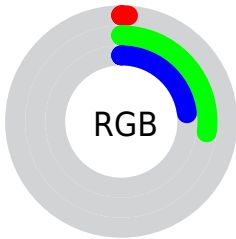
Format	Color
R_{YB}	2, 39, 70
Decimal	149050
CIE Lab	25.86, -22.78, 1.75
CIE LCh	26, 22.848, 175.608
Yxy	4.6987, 0.2396, 0.3780
Android (android.graphics.Color)	4278339130 (0xFF02463A)
YUV	48.3000, 4.7821, -40.6051
Hunter-Lab	21.6765, -13.4034, 2.1733

Details

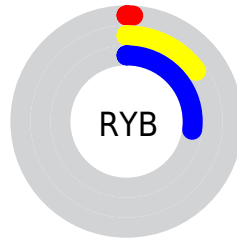
The Hex color **02463A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46020E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3C7769**, and **001C0F** is the 20% darker color. If you saturate the color by 10%, you get **00463A**, and if you desaturate by 10%, it is **09463B**.

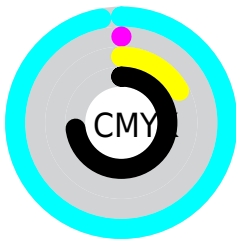
Distribution



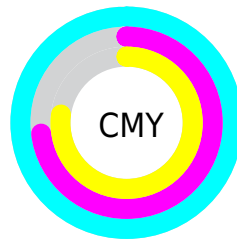
- Red (1%)
- Green (27%)
- Blue (23%)



- Red (1%)
- Yellow (15%)
- Blue (27%)



- Cyan (97%)
- Magenta (0%)
- Yellow (17%)
- Black (73%)



- Cyan (99%)
- Magenta (73%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02463A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 02463A by changing the saturation by 10% instead.

 02463A

 02463A

 FBFFFF

 002F24

 3C7769

 001C0F

 569182

 000000

 70AB9C

 8BC7B7

 A6E3D3

 C2FFEF

 DEFFFF

 02463A

 02463A

■ 00463A

■ 09463B

■ 10463C

■ 17463E

■ 1E463F

■ 254640

■ 2C4641

■ 334643

■ 3A4644

■ 414645

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244429



02463A



00464C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



02463A



3B3A5C



573521

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



02463A



46020E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5E302F



02463A



503351

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



02463A



1A4060



5C2F41



4A3B1A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



02463A



004556



5C2F41



5A3325

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



02463A



415C57



0E4602



1E2E2B



ADADAD



2E2E2E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



02463A



005C4C



023046



202423



006352



00E3BB

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46020E



5C0010



461802



242021



630012



E30028

Previews

White Background



This preview shows how the Hex color 02463A looks on a white background.

Color Contrast Check

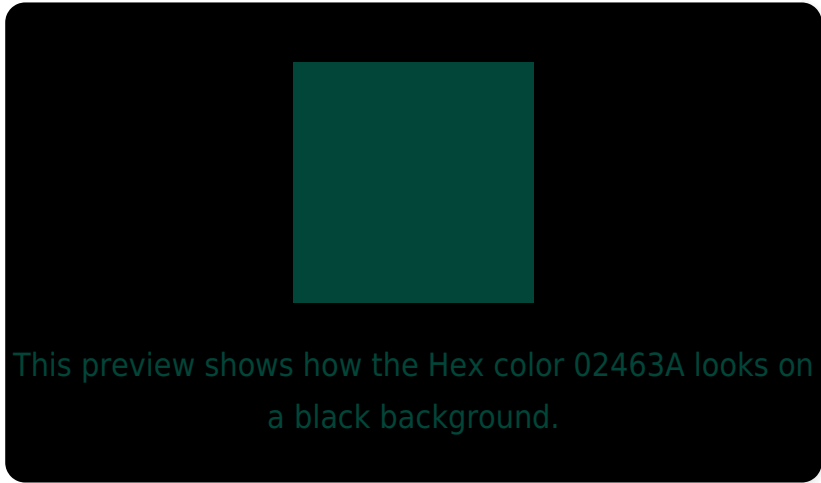
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

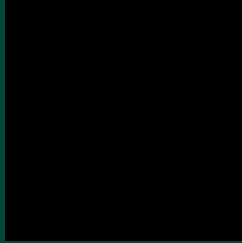
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 02463A Background



This preview shows how black text looks on a background with the Hex color 02463A.



This preview shows how white text looks on a background with the Hex color 02463A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
02463A

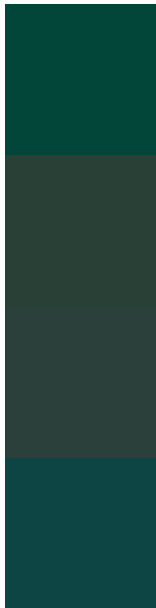
Protanopia
403D35

Deuteranopia
443C3C



Tritanopia
144449

Trichromacy



Original Color
02463A

Protanomaly
294037

Deuteranomaly
2C403B

Tritanomaly
0D4544

Monochromacy



Original Color
02463A

Achromatopsia
303030

Achromatomaly
1F3834

CSS Examples

Text

The CSS property to change the color of the text to Hex 02463A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #02463A looks like.

```
.text, #text, p{  
    color:#02463A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #02463A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02463A
}
```

Border

The CSS property to change the border of an element to Hex 02463A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#02463A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#02463A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #02463A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02463A; -webkit-box-shadow:4px 4px  
4px 4px #02463A; box-shadow:4px 4px 4px  
4px #02463A }
```

Background

The CSS property to change the background color of an element to Hex 02463A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02463A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#02463A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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